

Fig.1

## Figure 2

101 — Mobile Switching Center (MSC) Monitors Channel Usage in Area

103 —MSC Detects That Channel Usage is Below Threshold in an Area

105 MSC Informs Mobile Stations (MSs) Operating in That Area of Lower Billing Rates

107 MS Operating in That Area Originates a Call

109 — MSC Marks Billing Record For Call With a Reduced Rate Indication Usage in Area

203 MSC Detects That Channel Usage is Above a Threshold

in an Area

205 MSC Notifies MS That the Originated Call Will Be Charged At a Higher Rate

207 VMS in That Area Originates a Call

209 ~ MSC Marks the Billing Record For the Call With an Increased Rate Indication